

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Scott H. Brown and Tin-Tack P. Cheung

SERIAL NO.: 09/196,347

GROUP ART UNIT: 1764

FILED: November 19, 1998

EXAMINER: N. Preisch

For: HYDROGENATION CATALYSTS AND PROCESSES THEREWITH

Honorable Commissioner
of Patents and Trademarks
Washington, D. C. 20231

Sir:

AMENDMENT

In response to the Office Action mailed February 2, 2001, please enter the following amendments and consider the following remarks.

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In the Claims

Please amend the following claims (Amendment mechanics are in attached Appendix):

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Claim 36. (Thrice Amended) A process comprising contacting a fluid with a catalyst composition wherein said fluid comprises highly unsaturated hydrocarbon; said composition consists essentially of (1) palladium, (2) silver, (3) an alkali metal or an alkali metal-containing compound, (4) a selectivity enhancer selected from the group consisting of lead, bismuth, thorium, gallium, tin, antimony, germanium, arsenic, cadmium, mercury, and combinations of two or more thereof, and (5) an inorganic support selected from the group consisting of silica, alumina, spinel, and combinations of two or more thereof; and said palladium, selectivity enhancer, and alkali metal or alkali metal-containing compound are each present in a sufficient amount to effect a selective hydrogenation of said highly unsaturated hydrocarbon.